CAMERON PARISH

ENBRIDGE PIPELINE
12" GAS/CONDENSATE

L C CURVE DATA
Δ = 30° 13'
D = 1° 00'
T = 1546.85'
L = 3021.67'
R = 5729.58'

GULF OF MEXICO

Calcasieu Channel Lighted Buoy 28

Calcasieu Channel Lighted Buoy 27

Calcasieu Channel Lighted Buoy 24

Calcasieu Channel Lighted Buoy 23

LT 28

LT 27

LT 24

LT 23

LL=45.1 MLLW

1500'

1500'

1500'

PROPOSED 8" CHEVRON BULK GAS PIPELINE MVN-2044-3402-WB

X 2647747.500
Y 414205.189

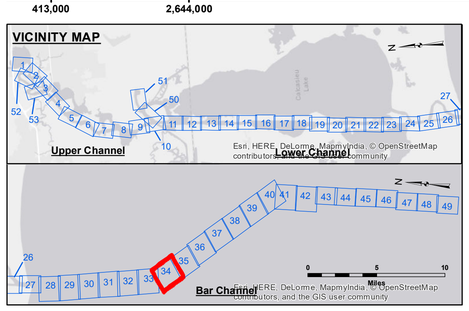
SITE NO. 2
DISPOSAL AREA

Sheet 33

Sheet 35

416,000 2,653,000 413,000 410,000 2,650,000 407,000 2,644,000 413,000 2,644,000 410,000 2,647,000 407,000 2,650,000 416,000 2,647,000

VICINITY MAP



LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- As-built Pipeline/Cable
- Unconfirmed Pipeline/Cable
- Project Depth Contour
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- 3 Fluff Thickness (feet)*
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy
- -16' and above
- -16' to -21'
- -21' to -26'
- -26' to -33'
- -33' to -39'
- -39' to -41'
- -41' to -43'
- -43' and below

Gage Reading:	CAMERON: 1.90 MLG
Sea Conditions:	2'-3'
Vessel Name:	M/V BURRWOOD
Survey Type:	AD
Sounding Frequency***:	LOW

Feet
0 400 800 1,200 1,600

NOTES:
Horizontal Coordinate System:
North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.

Vertical Datum:
Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW).
Datum Relationships for gage 73650 as of December 2013:
0.0' NAVD88 (2009.55) = 1.3' MLLW = 2.3' MLG or 0.0' MLLW = 1.0' MLG

Distances on the Calcasieu River are shown at 1 mile intervals.

The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE survey crews.

2015 Aerial Photography data source: NAIP

Reference is N.O.A.A. Navigation Chart No. 11339.

* Difference between high and low frequency elevations where greater than 1.0'.

** Shoalest Sounding per Quarter per Reach.

*** High frequency (200 kHz) survey data represents the first signal return at a sounding location and will include suspended solids, known as "fluff", if present. Low frequency (20 kHz) survey data normally penetrates through this "fluff" layer to depict elevations of consolidated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.

US Army Corps of Engineers
District: CEMVN

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Data Constraints: Hydrographic survey data is subject to change due to environmental conditions such as shoaling and storm induced activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers makes no warranty as to the accuracy of the hydrographical conditions which develop after the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Project authorized depth and/or project width may vary.

The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered a representative general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: JA_JDH	Plotted By: BD	Checked By: AO
Recommended: Chief, Survey Section			
Approved: Chief, Waterways Maintenance Section			

CALCASIEU SHIP CHANNEL
BAR SHEET 34
CR_34_BARX_20180614_AD
14 June 2018

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